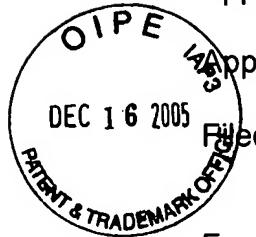


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi TAKAHASHI  
 Appl. No. : 10/549,319  
 (U.S. National Stage of PCT/JP2004/003485)  
 Filed : March 16, 2004  
 For : WAVE DECTECTION DEVICE, METHOD, PROGRAM, AND  
 RECORDING MEDIUM

Group Art Unit : Not Yet Assigned  
 Examiner : Not Yet Assigned



## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 U.S. Patent and Trademark Office  
 Customer Service Window, Mail Stop AMENDMENT  
 Randolph Building  
 401 Dulany Street  
 Alexandria, VA 22314

Sir :

In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and  
 §§1.97-1.98, applicant brings the following information to the attention of the  
 Examiner in charge of the above-identified application, which includes  
 information cited and discussed in the specification and the International Search  
 Report issued in connection with International Patent Application No.  
 PCT/JP2004/003485, of which the present application is the U.S. National Stage  
 Application. A copy of the International Search Report was enclosed with the  
 papers when entering the U.S. National Stage on September 16, 2005. The  
 Examiner is invited to review these materials to inspect the relevance indicated  
 during international examination with respect to the documents cited therein.  
 The following document was cited in the International Search Report:

Japanese Laid-open Patent Publication No. HEI 11-167565, together with an English language abstract and machine translation of the same.

Applicant further calls to the Examiner's attention the following documents:

Japanese Laid-open Patent Publication No. HEI 10-23092, together with an English language abstract and machine translation of the same. Applicant notes that this document is cited on page 1 of the specification of the present application;

U.S. Patent Application No. 10/549,629 to KATO, which was filed on September 20, 2005; and

U.S. Patent Application No. 10/557,596 to NAKADA, which was filed on November 22, 2005.

Further to 37 C.F.R. §1.98 (a)(2)(ii), copies of the U.S. patents and the U.S. patent application publications are not enclosed. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Further to the U.S. Patent and Trademark Office's decision to waive the requirement under 37 C.F.R. §1.98 (a)(2)(iii) if the U.S. patent applications were filed after June 30, 2003, copies of the U.S. patent applications are not enclosed. However, if any copies are needed, the Examiner is respectfully requested to contact the undersigned.

Applicant respectfully requests that the Examiner consider the above material and cite the same. Copies of the above-noted foreign documents are attached and all of the above-noted documents are listed on the attached PTO-1449 Form. The Examiner is requested to initial the appropriate spaces on the

attached Form and to return a copy of the completed Form to applicant with the next official communication in the present application.

Applicant notes that an Office Action on the merits has not issued in the present application, and thus no fee is believed necessary to ensure consideration of the submitted material. However, if an Office Action on the merits has issued and is crossing this statement in the mail, the undersigned authorizes the Commissioner to charge any fee necessary for the consideration of this statement, including any payment under 37 C.F.R. §1.17 (p) to Deposit Account No. 19-0089.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Satoshi TAKAHASHI

Alan M. Lenkin  
Reg. #40063



Bruce H. Bernstein  
Reg. No. 29,027

December 16, 2005  
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